



**NSW
MINING**



UPPER HUNTER MINING DIALOGUE ANNUAL FORUM 2019

**Tuesday 19 November 2019
Singleton Civic Centre**

Introduction to the Dialogue and Overview of Forum

Sarah Withell

Chair, Upper Hunter Mining Dialogue

Head of Health Safety and Environment
Business Partnership, BMC and NSWEC, BHP



2019 Summary

- Challenging year for both the community and industry in 2019.
- The focus of the Dialogue has assisted industry to manage environmental issues, but acknowledge that it's been tough:
 - Reduce water use and increase reuse and recycling;
 - Manage air quality impacts, and
 - Rehabilitate disturbed mining land.
- We want to hear your feedback on that today.
- Variety of Dialogue projects being progressed in 2019, as a result of 2018 Forum Discussion Sessions.



The origin of the Dialogue

- In 2010, a high concentration of mining activity in the Upper Hunter emerged.
- Community concern about the cumulative impacts of mining on the region prompted a whole of industry response.
- A community perception survey and a series of public forums were held in 2010.
- In 2011 The Upper Hunter Mining Dialogue was established to enable ongoing meaningful and respectful discussions and importantly develop actions and solutions in partnership.

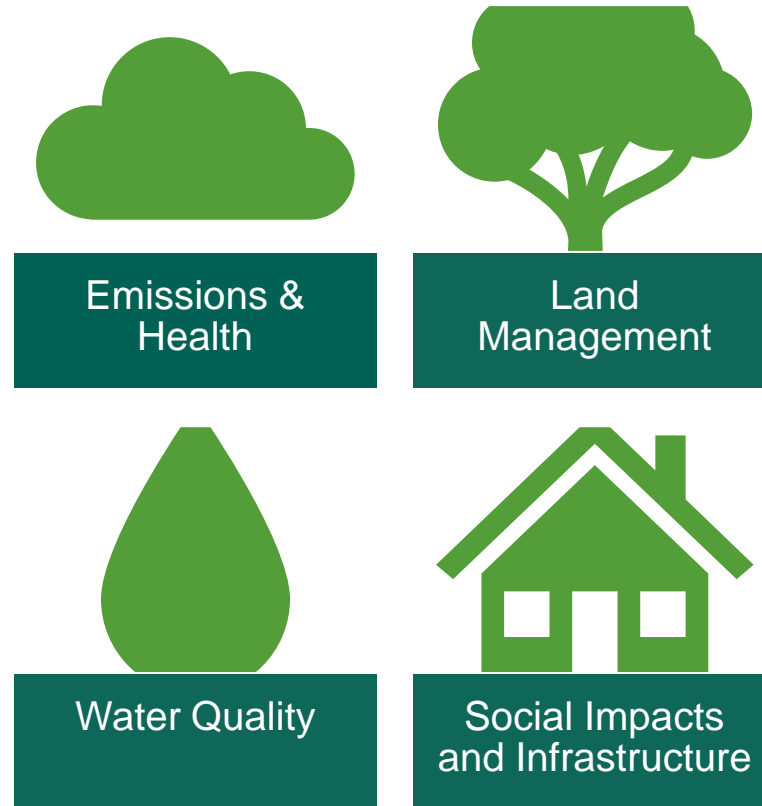


Initial Dialogue themes

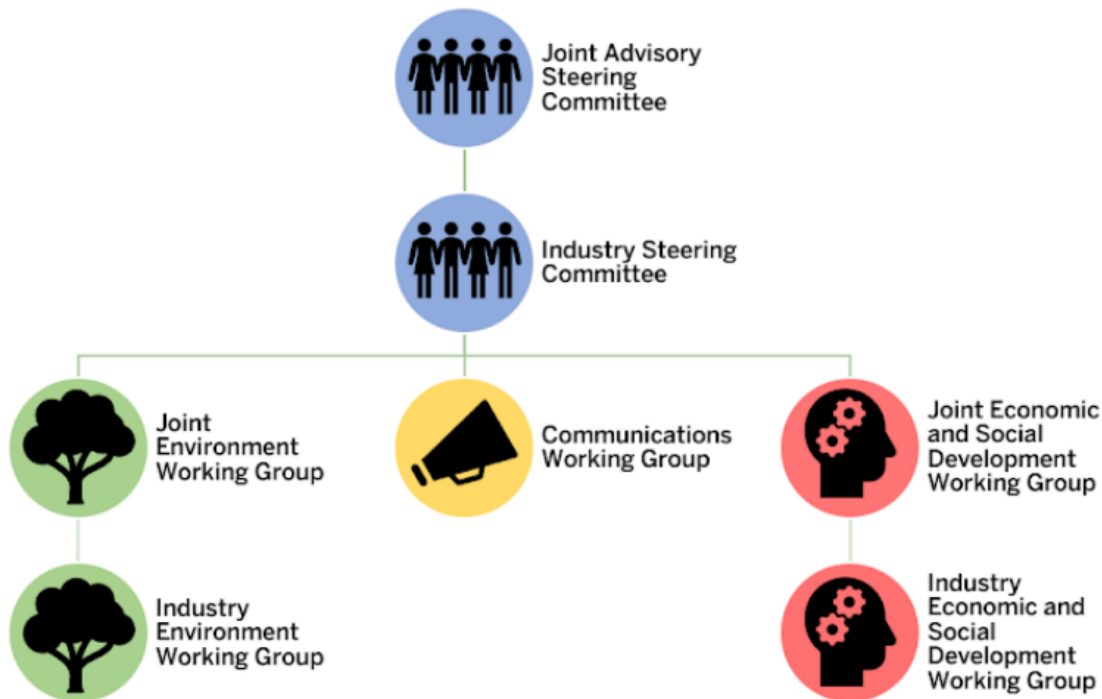
The Dialogue was initially based around four thematic groups:

- Emissions & Health
- Land Management
- Water Quality
- Social Impacts and Infrastructure

Each theme was supported by a Joint Working Group with direct community involvement into various projects



2018 Dialogue realignment



Feedback from the 2017 Forum demonstrated a need to realign the Dialogue's priorities commensurate with stakeholder feedback

1. Community interest in economic development and diversification
2. Communicating Dialogue achievements and increasing awareness

A targeted stakeholder engagement plan was developed to engage with Dialogue stakeholders past and present, including CCC's and emerging community groups.



Scene Setting of day

Morning Presentations:

- Update on NSW Government Projects and Activities in the Upper Hunter (Stephen Wills, NSW Department of Planning, Industry and Environment)
- Review of 2019 Projects (James Barben, Secretariat, Upper Hunter Mining Dialogue)
- Upper Hunter Air Quality Monitoring Data Analysis Project (Damon Roddis, ERM-Australia Pacific Pty Ltd)

Information and Networking Session

Discussion and Feedback Session



Remembering



Ron Fenwick

*Member, Joint Environment
Working Group*



Acknowledgements



Neil Griffiths
NSW Department
of Primary
Industries,
*Upper Hunter
Grazing Trials*



David O'Brien
Glencore,
*Former Chair of the
Upper Hunter
Mining Dialogue*



Gill Eason
*Former Member,
Joint Advisory
Steering
Committee*



Update on Dialogue Projects and Activities for 2019

James Barben

Director Policy, NSW Minerals Council, and
Secretariat, Upper Hunter Mining Dialogue



2019 Priorities

Emissions & Health:

- Analysis of UH Air Quality Monitoring Network Data

Land Management, Rehabilitation & Final Land Use:

- Pilot Pathway for Post-Mining Land Use
- Buffer Land Figures in Annual Rehabilitation Reporting Project
- Publishing a Beneficial Reuse of Voids project summary document

Water Quality and Stewardship:

- Seeking Contextual Information from Industry Regarding Water Stewardship initiatives



2019 Priorities

Economic Development, Mining & Business:

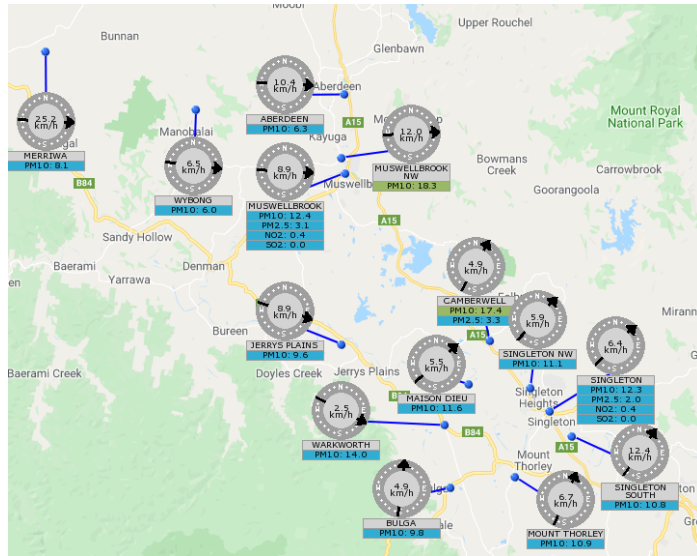
- Dialogue Procurement Information Hub
- Mining procurement business events

Stakeholder Engagement & Communications:

- Continuing RDA Hunter STEM proposal discussions
- Continued community engagement
- Continued rollout of School Mine Tours Program



Air Quality Monitoring Network Data Analysis Project



- The Dialogue has engaged ERM to provide an analysis of Upper Hunter Air Quality Monitoring Network Data.
- Two key objectives:
 1. Has the air quality in the Upper Hunter Valley changed since monitoring began?;
 2. Is the air quality in the Upper Hunter Valley measured at the monitoring stations different from air quality measured at other locations in NSW?
- Data dates back to 2010, now includes 14 locations, and is freely available.
- Draft report due in December 2019.
- Peer review to be undertaken by CSIRO.



Annual Reporting Projects

Water Accounting Framework

A yearly review of water use by Dialogue members in the context of total water use in the Upper Hunter community.



Contextual Information and Water Stewardship Case Studies

Annual water use statements and case studies collected from members to improve understanding of water stewardship initiatives.

Rehabilitation Principles and Commitments

A yearly review of industry's rehabilitation progress has improved transparency and community awareness.

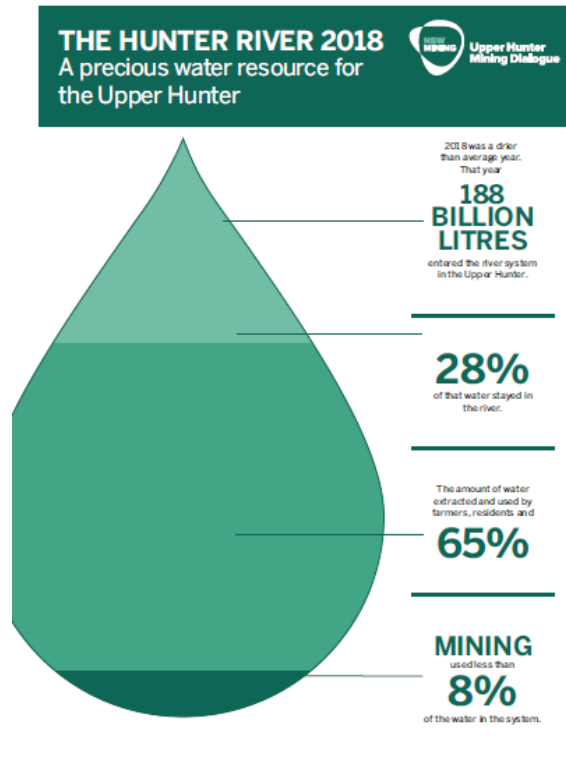
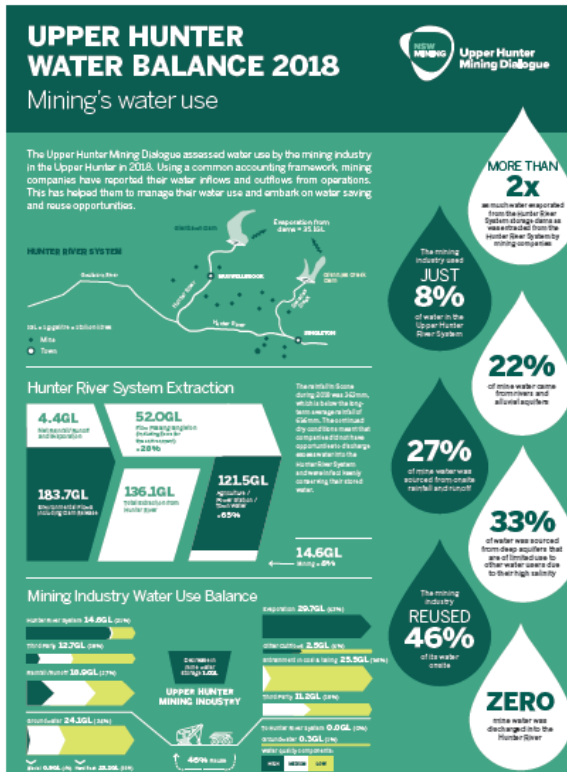


Total Buffer Land

Reporting for 2018 results included total buffer land figures and how it is used. Primarily agricultural uses (90%) or other land e.g. vacant or not suitable (8%).



Annual Reporting Projects



To find out more, visit miningdialogue.com.au
 The statements contained in this document are based on information received from mining companies and other industry participants. This is a complex and dynamic environment and the information is subject to change without notice.

The NSW Mining Dialogue has compiled the data in this report using the best available information. Some water accounting is based on estimates that include water use and output from areas that are not participating in the industry. Source: Sustainable Technology (ST) Water NSW Mining Dialogue data.

To find out more, visit miningdialogue.com.au
 The NSW Mining Dialogue has compiled the data in this report using the best available information. Some water accounting is based on estimates that include water use and output from areas that are not participating in the industry. Source: Sustainable Technology (ST) Water NSW Mining Dialogue data.

Procurement Business Events

Two events held in 2019 to improve local supplier understanding of how to engage with the mining sector for procurement opportunities.

MUSWELLBROOK

- 130 attendees
- 4 companies presenting
- Muswellbrook Chamber of Commerce & Industry

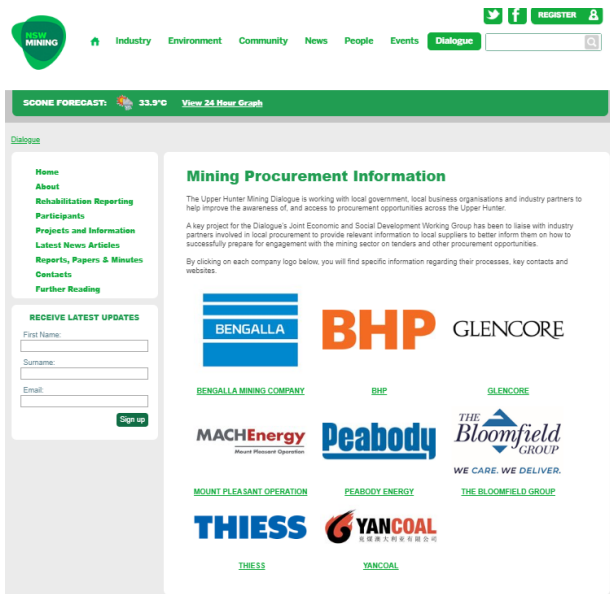


SINGLETON

- 120 attendees
- 4 companies presenting
- Singleton Business Chamber



Procurement Information Hub



- An information hub on the Dialogue website to outline key procurement details for most Upper Hunter mining companies.
- This will improve supplier awareness of how to engage with the mining sector and what to expect when preparing for a tender or procurement opportunity.
- A landing page with all Dialogue company logos will allow users to select their company of choice, with contact details and links included.
- Example of a generic procurement process.
- See nswmining.com.au/dialogue/procurement for more information.
- QR codes – Scan to visit sites.



Other Projects

- **Beneficial Reuse of Voids** – The Dialogue has collated material from existing reports to provide a summary document to help improve stakeholder understanding of voids and potential post-mining land uses in the Upper Hunter.
- **Pilot Pathway for Post-Mining Land Uses** – The Dialogue secretariat has met with the NSW Department of Planning, Industry and Environment to encourage greater facilitation of planning for positive potential post-mining land use outcomes.



School Mine Tours Program

- Local years 5 and 9 school students will visit a nearby mine to learn more about the mining process, both in terms of benefits and impacts.
- This program is supported by Virtual Reality education modules, developed with UNSW, to facilitate in-classroom learning.
- The Dialogue is liaising with RDA Hunter regarding integration of the Tours into STEM programs for Hunter schools.
- A total of 1300 students have attended a school tour in 2018 & 2019.

2018	650 students
	18 schools
	17 tours
	12 sites
	43 teachers

2019	775 students
	18 schools
	22 tours
	12 sites
	34 teachers



Stakeholder Engagement

10 Community events attended

15 of 17 Community Consultative Committee (CCC) Presentations

133 Stakeholder surveys completed

324 Virtual reality demonstrations

565 Community stakeholder interactions



More Information

1. Dialogue Website:
www.miningdialogue.com.au
2. Facebook:
www.facebook.com/UPPERHUNTERMININGDIALOGUE
3. Complete the Forum Participant Survey (email to be sent)
<https://www.surveymonkey.com/r/DialogueForum2019>

